



GROUNDWATER PROTECTION PROGRAM

Meeting Minutes Cover Sheet

Please find attached the Open Meeting Minutes from the Groundwater Protection Program of December 9, 2002.

If you have any comments or changes to these minutes, please reply to this email and your comments will be incorporated into the next meeting minutes.



GROUNDWATER PROTECTION PROGRAM

Meeting Minutes

SUBJECT GROUNDWATER PROTECTION PROGRAM MEETING - DECEMBER 9, 2002

TO Distribution

FROM Dick Wilde, Groundwater Protection Program Manager

DATE February 11, 2003

ATTENDEES

See Attached List

DISTRIBUTION

Attendees

Groundwater Protection Program Distribution List

NEXT GROUNDWATER PROTECTION PROGRAM OPEN MEETING:

Next Meeting: Monday, January 6, 2003 – 1-3 p.m.

Location: 1200 Jadwin, Conference Room 1C1

Local Call-In Number: (509) 376-7411

Toll Free Call-In Number: (800) 664-0771

MEETING MINUTES

A Groundwater Protection Program (GPP) Open Meeting was held on December 9, 2002, at 1200 Jadwin, Conference Room 1C1, Richland, Washington.

**REVIEW OF GROUNDWATER PRESENTATION PROVIDED AT THE DECEMBER
HANFORD ADVISORY BOARD (Dick Wilde)**

The Hanford Advisory Board (HAB) held a meeting December 5 and 6, 2002. On Thursday a presentation was provided on Ecology, Dick Wilde reviewed the Groundwater Protection Program Management plan and there was a discussion on tank farm EIS. On Friday small group discussions were held in four categories - waste sites, groundwater remediation, systems assessment and science and technology. Feedback from those who attended the meeting follows.

John Morse: The meeting was conducted orderly and everyone had an opportunity to contribute. There was a lot of good interaction.

Gordon Rogers: For copies of the flip charts used at the meeting, call EnviroIssues in Seattle. Having the leads for the projects at the meeting was very important and was a first class job.

Mark Freshley: The Science and Technology discussion focused on tank farm characterization. The downturn of EM50 funding was discussed and the effects it has on the project. There was also some discussion on remediation technologies for some of the contaminants and some discussion on N-springs.

Jane Borghese: I participated in the U-Plant discussions and the groundwater remediation decision process discussions.

Bob Bryce: The System Assessment Capabilities (SAC) discussions focused on how we know how well the assessments predict. A number of participants wanted more information.

Dib Goswami: The meeting included a lot of good input. People are interested to know more but are pleased with the way the Groundwater Program is taking shape.

PROGRAM UPDATES

Results From the Test Pit Investigation (Chris Cearlock)

The remedial investigation of the 200-CS-1 Operable Unit consists of two phases. The first phase involved the excavation of test pits at the 216-A-29 Ditch, 216-B-63 Trench, and the 216-S-10 Pond/Ditch. This activity was completed in November 2002. A summary of the field screening results from the test pit characterization were presented along with photographs of the activity. The second phase of the remedial investigation consists of drilling three boreholes at the waste sites and is scheduled to begin in Spring 2003. (Handout available by request)

Drilling Program and KR-4 (Craig Swanson)

We have finished four wells this year, two RCRA and two CERCLA wells. The K-126 well will be converted to an extraction well. The January 15, 2003, TPA milestone should be met with no problems.

Biological Fate and Transport (Amoret Bunn)

The purpose of the biological fate and transport is to provide site-specific parameters to reduce significant uncertainties in ecological risk assessments for use in clean up decisions at the U.S. Department of Energy's Hanford Site. The 2002 focus was on technitium-99 and its effect on fish and plant life. Rainbow trout were used as a surrogate for Hanford fish testing. The focus this year is on the effect of strontium-90 on fish and plant life. The review of chromium has not yet started.

ECOLOGY UPDATE (Dib Goswami)

UPCOMING EVENTS

The calendar was reviewed. A reduction of the frequency of the Groundwater Protection Program Open Meetings was discussed. The suggestion was made that the meetings occur every other month or every three months.

NOTES:

The Groundwater Protection Program web site is operational and the URL is <http://www.hanford.gov/cp/gpp>

Please contact Barbara Howard (509-373-3871), Alison Bryan (509-373-4456), or Shelley Tallent (509-373-3847) if you have questions or comments.

ATTACHMENTS:

- 1) Groundwater Protection Program Four-Month Look Ahead Calendar

ATTENDEES:

Marty Bensky – HAB

Jane Borghese – FH

Bob Bryce – PNNL

Amoret Bunn – PNNL

Chris Cearlock – CHG

Carl Connell – FH

Lee Farrell – FH

Bruce Ford – FH

Mark Freshley – PNNL

Dib Goswami – Ecology

Edye Jenkins – GPP

Sandra Lilligren – Nez Perce

John Morse – DOE/RL

Gordon Rogers – HAB

Sue Safford – Oregon Office of Energy (by phone)

Craig Swanson – FH

Dick Wilde – FH

GROUNDWATER PROTECTION PROGRAM CALENDAR

September 2002 to December 2002

FOUR-MONTH LOOK AHEAD CALENDAR

October 7	Groundwater Protection Program Open Meeting (1-3 p.m., Richland, WA)
October 16	Ecology Groundwater Meeting (1:30 p.m., Kennewick, WA)
November 4	Groundwater Protection Program Open Meeting (1-3 p.m., Richland, WA)
November 7-8	HAB Meeting (Tri-Cities, WA)
November 20	Ecology Groundwater Meeting (1:30 p.m., Kennewick, WA)
December 2	Groundwater Protection Program Open Meeting (1-3 p.m., Richland, WA)
December 5-6	HAB Meeting (Radisson Hotel, Portland, OR)
December 18	Ecology Groundwater Meeting (1:30 p.m., Kennewick, WA)